TOSHIBA
Leading Innovation
STORAGE DEVICE DIVISION

MKxx01TRKB

3.5-inch SAS Enterprise HDD

Key Advantages:

- Lowest Cost per GB Enterprise Storage
- Faster and more efficient 6Gb/s SAS interface
- Enhanced Power Condition State Technology
- 24x7 Operation

Applications:

- Cloud Storage
- Data Centers
- Entry level Servers
- Network Attached Storage
- Other business critical applications

Specifications:

	MK1001TRKB	MK2001TRKB
Data Storage Capacity:		
Per drive, Formatted	1 TB	2 TB
Number of Platters / Heads	2 / 4	4 / 8
Rotational Speed (rpm)	7,200 RPM	
Average Latency	4.17 ms	
Average Seek Time:		
Track-to-Track (read/write)	1 ms	
Average seek (read/write)	9.5 ms	
Interface:		
Type	SAS	
Buffer (MB)	16	
Data Transfer Rate:	6.0 Gb/s	
Power Requirements:		
Voltage (V); Supply	+5V (±5%), 12V (±5%)	
Idle (Watts)	7 W	
Spin-up (start) in A.	12V @ 2.4A peak	
Physical & Environmental Specifications Dimensions – mm:		
Width x Depth x Height	101.6 x147.0 x 26.1 mm (max.)	
Weight max (g)	800	
Environmental:		
Temp: Operating / Non-operating in °C	5 to 55°C / -40 to 70°C	
Shock Operating / Non-operating	70 G / 300 G / 2ms duration	
Vibration: Operating	(0.75G) 5 to 300Hz / (5.0G) 5 to 500Hz	
Accoustic Noise (idle):	3.0 Bels typ.	